

### **REMARKS**

Non-elected claims 1-129 and 134 are cancelled without prejudice or disclaimer. Therefore, claims 130-133 are the claims currently pending in the Application.

Claims 130-133 are amended to clarify features recited thereby.

In response the Examiner's request for clarification about whether Applicant intended to traverse the requirement for election, Applicant states that Applicant made the election without traverse.

### ***Drawings***

The Examiner objected to the Drawings as lacking in some legends or as having legends that are difficult to read. Also, the Examiner requested formal Drawings. Further, the draftsman set forth objections to the Drawings.

Corrected formal Drawings are filed herewith. Applicant respectfully requests that the Examiner review and approve the Drawings.

### ***Rejection of Claims 130-132 under 35 U.S.C. § 112, Second Paragraph***

Claims 130-132 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. This rejection is traversed.

Claims 130-132 are amended to clarify features recited thereby. Therefore, these claims are now believed to be allowable and his rejection should be withdrawn.

***Rejection of Claims 130-133 under 35 U.S.C. § 102(e)***

Claims 130-133 are rejected under 35 U.S.C. § 102(e) as being anticipated by Muratani et al. U.S. Patent No. 6,061,451. This rejection is traversed.

Among the problems recognized and solved by Applicant's claimed invention is that a digital signature for authenticating digital data, such as for example a digital image, be transmitted as part of the same data set as the digital data.<sup>1</sup> According to an aspect of Applicant's claimed invention, a digital signature is inserted into a portion of the digital data, and this digital signature is then used to authenticate the digital data.

For at least the following reasons, Applicant's claimed invention is neither anticipated by nor obvious from Muratani. By way of example, independent claims 130-133 require inserting received data comprising a public key for a digital signature into a predetermined bits portion of the digital data.

Muratani discloses decrypting data that is encrypted received from a network in a way that protects the data against illegal use (Muratani, Abstract). In particular, Muratani discloses that data received from a network via a settop unit is scrambled according to a first scramble system, and then descrambled according to the first scrambled system by a descramble circuit of a security module that is connected to the settop unit but is not part of the settop unit (Muratani, Abstract, Fig. 2); that the protection of a copyright and prevention of copying are accomplished by data hiding,

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<sup>1</sup> This discussion merely sets forth examples of Applicant's claimed invention and problems solved thereby. Applicant does not represent that every embodiment of Applicant's claimed invention necessarily provides or embodies the solutions herein discussed or addresses the problems herein identified.

data insert, digital watermarking and digital finger print, such that the specific data, that is the characters, figure, mark, *et cetera*, representing a copyright, for example, are inserted in a concealed manner into the digital image data to be protected, such that even if the original data image data are reproduced, this specific data can be confirmed (Muratani, col. 7, line 65-col. 8 line 8); and, that an identification data identifies a user who is provided with the image data, the identification data acting as the specific data that is inserted (Muratani, col. 8, line 19-22).


Muratani does not disclose or suggest a digital signature inserted into the digital data, as *inter alia*, required by independent claims 130-133. Further, since Muratani does not disclose or suggest inserting a digital signature, Muratani is incapable of disclosing or suggesting inserting a public key for the digital signature, as *inter alia*, required by independent claims 130-133.

Further, Muratani does not disclose or suggest inserting a public key for a digital signature into a predetermined bits portion of the digital data, as *inter alia*, required by independent claims by 130-134. Therefore, Muratani does not disclose or suggest the recitations of independent claims by 130-134. Accordingly, this rejection should now be withdrawn.

Accordingly, for at least the reasons set forth in the foregoing discussion, Application believes that the Application is now allowable and respectfully requests that the Examiner reconsider the rejections and allow the Application. Should the Examiner

have any questions regarding this Amendment, or regarding the Application generally,  
the Examiner is invited to telephone the undersigned attorney.

Respectfully submitted,

  
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